



**PATENT**

Agent's Docket No. 11260-US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of )

Simon J. SKIERSZKAN )

Serial No: 09/865,504 )

Art Unit: 2631

Filed: 29-May-2001 )

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Technology Center 2600

For: **TIMING CIRCUIT WITH DUAL PHASE LOCKED LOOPS**

October 03, 2001

Commissioner of Patent and Trademarks

Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

Please amend the above-referenced application as follows:

**IN THE SPECIFICATION:**

**Please replace paragraph [0006] with the following rewritten paragraph:**

A conventional radio received utilizes no quantization in either time or amplitude in its first stages. The existence of many large disturbances will make amplitude quantization difficult due to the number of required bits; time quantization would lose details on for instance phase information. Instead the use of downconversion and sharp filtering on the generated IF frequency yields the effect of losing undesirable signals. The crucial element in this is that effectively the mixing element (which maybe called phase detector) forms a simple convoluter to emphasize the desired signal.